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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Alex Nugent
SERIAL NO.: 10/748,546
FILED: 12/30/2003
TITLE: PHYSICAL NEURAL NETWORK LIQUID STATE MACHINE
UTILIZING NANOTECHNOLOGY

EXAMINER: Michael J. Caldwell
GROUP: 2129
ATTY DKT NO.: 1000-1215

CERTIFICATE OF TRANSMISSION BY FACSIMILE

Please forward all correspondence to:
ORTIZ & LOPEZ, PLLC
Patent Attorneys
P.O. Box 4484
Albuquerque, NM 87196-4484

*I hereby certify that this correspondence is
being transmitted to the Commissioner for
Patents, P.O. Box 1450, Alexandria, VA
22313-1450 by facsimile transmission
to the following fax number **(571) 273-8300**
on November 29, 2006.*

Kermit Lopez
Kermit Lopez

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENTS AND REPLY TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated October 27, 2006 in the above captioned matter, please enter the following amendments and remarks:

Amendments to claims begin on Page 2 of this Paper.

Remarks begin on Page 9 of this Paper.